

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1 (Currently Amended): A digital communication system, comprising:
nodes, the nodes including a central node and at least two peripheral nodes, the central node comprising all means for the communication in the system and a memory for storing information related to the system itself and/or the individual nodes, the nodes each comprising a transmitter and a receiver, and information only being directly transferred between the central node and each of the peripheral nodes, ~~characterized by: and~~

control means in the central node for transferring information stored in the memory means related to the system and/or the individual nodes to every peripheral node;

wherein a first one of the nodes is a central node of a first group of the nodes and a second one of the nodes is a central node of a second group of the nodes, the first and second nodes being different nodes and the nodes being capable of being members in both the first and second group, each node having first memory means for storing information relating to information on the first one of the nodes and on the nodes of the first group and second memory means for storing information relating to information on the second one of the nodes and on the nodes of the second group.

Claim 2 (Currently Amended): [A] The digital communication system according to claim 1, ~~characterized in that~~ wherein each peripheral node comprises means for storing ~~said~~ the information.

Claim 3 (Currently Amended): [A] The digital communication system according to claim 1, ~~characterized in that~~ wherein the direct transferring of information is made ~~wireless~~ wirelessly, in particular using short range radio waves.

Claim 4 (Currently Amended): [A] The digital communication system according to claim 1, ~~characterized in that~~ wherein the control means in the central node are arranged to transfer address information comprising at least one address of each of the peripheral nodes.

Claim 5 (Currently Amended): [A] The digital communication system according to claim 1, ~~characterized in that~~ wherein the control means in the central node are arranged to transfer compatibility related information.

Claim 6 (Currently Amended): [A] The digital communication system according to claim 1, ~~characterized in that~~ wherein the system is a Bluetooth piconet.

Claim 7 (Canceled).

Claim 8 (Currently Amended): [A] The digital communication system according to claim [7] 1, ~~characterized in that~~ wherein the nodes have control units connected to the transmitters and receivers for transferring to a central node information on a change of a node to being or to finishing being a member in both the first and second groups.

Claim 9 (Currently Amended): A method in a digital communication system comprising nodes, the nodes including a central node and at least two peripheral nodes, information only being directly transferred between the central node and each of the peripheral nodes, the central node controlling all the communication in the system, and information related to the system itself and/or the individual nodes being stored in the central node, ~~characterized in that~~ the method comprising:

transferring information related to the system and/or the nodes to every peripheral node;

wherein the transferring of the information is performed using the Bluetooth unicast system to each peripheral node in turn, the Bluetooth LMP protocol, or a protocol layer between the L2CAP and the network layer, the protocol layer emulating a shared medium network towards the network layer.

Claim 10 (Currently Amended): [A] The method according to claim 9, ~~characterized in that~~ wherein part of said the information transferred to every peripheral node is derived from information conveyed from the peripheral nodes to the central node when requested by the central node.

Claim 11 (Currently Amended): [A] The method according to claim 9, ~~characterized in that~~ wherein part of said the information transferred to every peripheral node is derived from information conveyed from the peripheral nodes to the central node initiated by the peripheral nodes in particular triggered by an event in the respective peripheral node.

Claim 12 (Currently Amended): [A] The method according to claim 9, ~~characterized in that~~ wherein the information is, entirely or in part, address information comprising an address of each of the peripheral nodes.

Claim 13 (Currently Amended): [A] The method according to claim 9, ~~characterized in that~~ wherein the information is, entirely or in part, compatibility related information.

Claim 14 (Currently Amended): [A] The method according to claim 9, ~~characterized in that~~ wherein all direct transfer of information is made wirelessly, in particular using short range radio waves.

Claim 15 (Currently Amended): [A] The method according to claim 9, ~~characterized in that~~ wherein the digital communication system is a Bluetooth piconet.

Claim 16 (Currently Amended): [A] The method according to claim 9, ~~characterized in that~~ wherein the transferring of said the information is performed using a Bluetooth broadcast mechanism.

Claims 17-19 (Canceled).

Claim 20 (Currently Amended): [A] The method according to claim 13, characterized in that wherein the transferring of said the information is made when a new peripheral node joins the digital communication system.

Claim 21 (Currently Amended): [A] The method according to claim 13, characterized in that wherein, when a new peripheral node joins the system, the part of said the information related to all the other peripheral nodes is transferred from the central node to said the new peripheral node.

Claim 22 (Currently Amended): [A] The method according to claim 9, characterized in that wherein a message is transferred from the central node to all the peripheral nodes when one of the peripheral nodes has left the system.

Claim 23 (Currently Amended): A method according to claim 9, in a digital communication system comprising nodes, the nodes including a central node and at least two peripheral nodes, information only being directly transferred between the central node and each of the peripheral nodes, the central node controlling all the communication in the system, and information related to the system itself and/or the individual nodes being stored in the central node, the method comprising:
transferring information related to the system and/or the nodes to every peripheral node;

wherein a first one of the nodes is a master node of a first group of the nodes, a second one of the nodes is a master node of a second group of the nodes, the first and second ones of the nodes being different nodes and the group of first nodes and the group of second nodes together with the second one of the nodes having a node in common, this node being a forwarding node, characterized in that when a node changes from being a forwarding node to not being a forwarding node, or vice versa, a message is sent to all the nodes in the first and second groups except the node itself.

Claim 24 (Currently Amended): [A] The method according to claim 23, characterized in that wherein the message is sent from the master nodes of the first and second groups.

Claim 25 (Currently Amended): [A] The method according to claim 23,
~~characterized in that~~ wherein the message is sent from the node itself.

Claim 26 (Currently Amended): [A] The method according to claim 23,
~~characterized in that~~ wherein before sending the message, information of the change
of forwarding node status in the node is transferred from the node to the master
node of the first group, and to the master node of the second group, provided that
the node is not the master node of the second group.